THE ARCHITECTURE AND IMPLEMENTATION OF A DYNAMIC RMI SERVER CONFIGURATION HIERARCHY TO SUPPORT FEDERATED SEARCH AND UPDATE ACROSS HETEROGENEOUS DATASTORES

ABSTRACT

An architecture and implementation of a dynamic RMI server configuration hierarchy to support federated search and update across heterogeneous datastores. The RMI server configuration hierarchy supports searching for data in one or more heterogeneous data sources within a computer

5   system. A request for data is received at a federated data source. Then, a server is selected to process the request based on a load of the server and based on whether the server can satisfy the request for data.